

Chief, Geographic Division, ORR

17 December 1958

THRU : Chief, Industrial Division
Chief, Shipbuilding Branch

Comments on Revision of G-15, Revised, "The Soviet Arctic".

REF : Chief, Geographic Division, ORR - Memo of 12 December 1958.

1. As requested I/SI has reviewed those sections of G-15, Revised, "The Soviet Arctic", which deal with the Shipbuilding Industries; namely Sections I; III D; IV B 1 g and IV B 3. Branch comments are detailed below.

2. Section I - Introduction.

Page 8. There is no evidence that atomic powered submarines are under construction at Severodvinsk.

3. Section III D - Shipbuilding.

Page 42. There is no evidence that atomic powered submarines are under construction at Severodvinsk. However, the difficult surveillance and the covered building docks of this Shipyard makes it an ideal place for such construction.

Page 43 1 12. Suggest that "and" be deleted and a comma substituted.

4. Section IV B 1 g. Types of Ships.

Page 109 1 9-10. Six ships have been constructed of this class for the USSR in the Netherlands - the last completed being the Baykal delivered in 1957.

Page III 1 8-10. The 44,000 hp used for the main propulsion takes about two thirds of the output of the three reactors.

Page III 1 10-11. The nuclear power plant saves only a little weight compared to conventional propulsion. The Lenin is of conventional icebreaker construction with double bottom, side surge tanks, and is, of course, heavily framed and plated throughout.

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Page III 1 19-20. The 3 icebreakers of the Kapitán Belousov class were of 5,360 tons displacement, 274 feet in length and 10,500 hp. The new icebreakers building in Finland (the Moscow and the Leningrad) are of 13,200 tons displacement, 398 feet in length and 22,000 hp. The resemblance referred to is not apparent.

5. Section IV B 3 - Submarine Activities.

Page 125, lines 5-6. ONI 32 R lists both the "Z" and "W" classes as "long range". The "Z" class is the larger with an estimated surface displacement of 2,500 tons. The "W" class is smaller with an estimated surface displacement of 1,300 tons. The "W" class would not be termed "large".

Page 125 1 12-13. No evidence that an atomic powered submarine is under construction at Severodvinsk.

6. Copy of the revision is returned herewith as requested.

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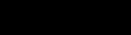

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